

WHAT IS CLAIMED IS:

1. An image taking apparatus, comprising:

an image sensor which takes a plurality of images different in focal distance;

a processor which creates a pan-focus image focused on each of different photographic objects from said plurality of images taken by said image sensor;

a discriminator which discriminates whether or not it is appropriate to create said pan-focus image; and

a controller which forbids said processor to create said pan-focus image when said discriminator discriminates that it is not appropriate to create said pan-focus image.

2. The image taking apparatus as recited in claim 1, wherein said discriminator discriminates that it is not appropriate to create said pan-focus image when photographic object which is out of focus exists or when all photographic objects exist in a depth of field.

3. An image taking apparatus, comprising:

an image sensor which takes a plurality of images different in focal distance;

a processor which creates a pan-focus image focused on each of different photographic objects from said plurality of images

taken by said image sensor;

a discriminator which discriminates whether or not it is appropriate to create said pan-focus image; and

a controller which forbids said image sensor to take images when said discriminator discriminates that it is not appropriate to create said pan-focus image.

4. The image taking apparatus as recited in claim 3, wherein said discriminator discriminates that it is not appropriate to create said pan-focus image when photographic object which is out of focus exists or when all photographic objects exist in a depth of field.

5. An image processing apparatus, comprising:

a processor which creates a pan-focus image focused on each of different photographic objects from a plurality of images different in focal distance;

a discriminator which discriminates whether or not it is appropriate to create said pan-focus image; and

a controller which forbids said processor to create said pan-focus image when said discriminator discriminates that it is not appropriate to create said pan-focus image.

6. An image processing method, comprising:

reading out a plurality of images different in focal distance;

discriminating whether or not it is appropriate to create a pan-focus image focused on each of different photographic objects;

creating said pan-focus image when it is discriminated that it is appropriate to create said pan-focus image; and

forbidding creating said pan-focus image when it is discriminated that it is not appropriate to create said pan-focus image.

7. A recording medium storing a program by which a computer executes the following controls:

reading out a plurality of images different in focal distance;

discriminating whether or not it is appropriate to create a pan-focus image focused on each of different photographic objects;

creating said pan-focus image when it is discriminated that it is appropriate to create said pan-focus image; and

forbidding creating said pan-focus image when it is discriminated that it is not appropriate to create said pan-focus image.

8. An image taking apparatus, comprising:

an image sensor which takes a plurality of images different in focal distance;

a processor which creates a blur-controlled image of a

photographic object from a plurality of images taken by said image sensor;

a discriminator which discriminates whether or not it is appropriate to create said blur-controlled image; and

a controller which forbids said processor to create said blur-controlled image when said discriminator discriminates that it is not appropriate to create said blur-controlled image.

9. The image taking apparatus as recited in claim 8, wherein said discriminator discriminates that it is not appropriate to create said blur-controlled image when a distance distribution of photographic objects of said plurality of images is small or when a difference in photography magnification of said plurality of images is large.

10. An image taking apparatus, comprising:

an image sensor which takes a plurality of images different in focal distance;

a processor which creates a blur-controlled image of a photographic object from said plurality of images taken by said image sensor;

a discriminator which discriminates whether or not it is appropriate to create said blur-controlled image; and

a controller which forbids said image sensor to take images when it is discriminated by said discriminator that it is not appropriate to create said blur-controlled image.

11. The image taking apparatus as recited in claim 10, wherein said discriminator discriminates that it is not appropriate to create said blur-controlled image when a distance distribution of photographic objects of said plurality of images is small or when a difference in photography magnification of said plurality of images is large.

12. An image processing apparatus, comprising:

a processor which creates a blur-controlled image of a photographic object from a plurality of images different in focal distance;

a discriminator which discriminates whether or not it is appropriate to create said blur-controlled image; and

a controller which forbids said processor to create said blur-controlled image when said discriminator discriminates that it is not appropriate to create said blur-controlled image.

13. An image processing method, comprising:

reading out a plurality of images different in focal distance;

discriminating whether or not it is appropriate to create a blur-controlled image of a photographic object;

creating a blur-controlled image when it is discriminated that it is appropriate to create said blur-controlled image; and

forbidding creating said blur-controlled image when it is discriminated that it is not appropriate to create said

blur-controlled image.

14. A recording medium storing a program by which a computer executes the following control:

reading out a plurality of images different in focal distance;

discriminating whether or not it is appropriate to create a blur-controlled image of a photographic object;

creating said blur-controlled image when it is discriminated that it is appropriate to create said blur-controlled image; and

forbidding creating said blur-controlled image when it is discriminated that it is not appropriate to create said blur-controlled image.